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# PolyCath"

CVC 200-60, CVC 200-68 Central Venous Catheter CVC 100-50, CVC 100-65, **Polyurethane** 

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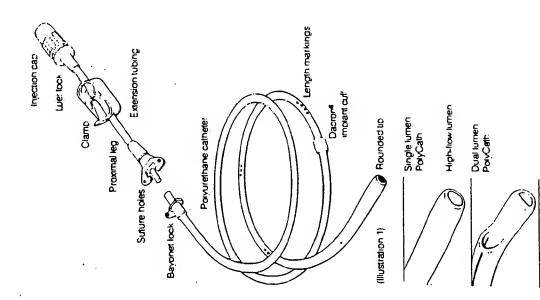
### introduction:

· i;

ine Poy Cath is a poivurethane central vendus catheler used ior access of the vehous vascular system.

### Description:

distalttp. The catherer terminates in an attachable clear sincone extension assembly that is equipped with a tocking connector oual fumen central venous catheter ".e PolyCath catheter is radiopadue. ant polyurethane that softens after with length markings. Dacrone implant cutt and a rounced ciamp. Iuer foc. and injection cao (see litustration 1) The PolyCath single a? is made of thrombore insertion into the veir.



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	Specifications:

20 kg

Lengin markings are located even, 5 cm utilit 20 cm Irom the dista! tip

### How Supplied:

The PolyCath is packaged sierile in an introducer kit tray which

## nauces the following

Peer away: sneath infroduce: and director

- .038 inch olameter × 76 cm long "" wire · 10ml syringes
  - Disposable scalbe
- CSH wrac
- Surpical orabe
- Staintess steet tunneling trodar
- 18 gauge 2 inch extra înici wa: negoie • Gauze bads 4 x 4 inch

  - 22 dauge needles Foam swabs

### · Injection caps

The PoivCath cameter is indicated for ballent therapy reduining medicalions, parenteral solutions, parenteral infinor solutions abute of long term central vehous access for the infusion c or blood products and for the withpraward brook samples Indications for Use:

### Contraindications:

The PolyCath catheler is contraindicated for datied:

- The presence of intection, Dacteremia or Septicemia is known. Inerativ whenever.
  - The ballent is know or suspected to have an allergic reading to materials contained in this bevice of has exhibited a orici or suspected
    - Medications, nutritiona, products of other substances are intolerance to implanted bevices

known or suspected to have adverse reactions with mater als

### Potential Complications: used in this pevice

Use of the PoivCath catheter involves risks normally associated with percutaneous vendus infroduction procedure, vendus duit down procedures and boshsurgical recovery. La

Camerer occiusion, damage or preakage can occur due to pinch-off" by crimoing action of the first ric and clavicie Cameler sheanng has been reported when the catheter is inserted via a more media: route in the subclavian vern 🧦

!

documented.

- In addition the following items are potential complications:
- Cameter malposition, occlusion, fibrin sheath formation at trp. rupture, erosion, and disconnection
  - Exit site infection
- Subcutaneous tunnel infection Hemorrhage
- Pneumothorax, hemothorax or hydrothorax Vascurlar thrombosis
  - Air embolism
- Нетатота.
- Cardiac tamponade Vessel trauma
- Perforation or taceration of vessels or right atrium
- Endocarditis
- Intolerance to implanted device

### Caution:

- Federal (U.S.A.) law restricts this device to sale by or on the order of a physician.
  - Read instructions thoroughly before use
- Contents of package are sterile and non-pyrogenic unless damaged or opened
- This device is intended for single use only. Do not resterilize

# Warnings and Precautions:

- be exposed to prolonged contact with alcohol, alcohol containing substances, or acetone. · The polyurethane portion of this catheter should not
  - The PolyCath catheter is to be inserted, manipulated and removed only by a qualified licensed physician.
- these instructions do not represent all the medically accepted The medical techniques and procedures recommended in protocols and the physician should use his expenence and judgement in determining the acceptable treatment for the payent
- Use sterile technique when handling or using the catheter
- Do not clamp the tubing with forceps or sharp instruments Do not nick or cut the catheter or extension assembly.
  - · The catheter must be filled with saline or an isotonic fluid
- Catheter must be flushed after blood withdrawals and injecbefore insertion to prevent an embolism.
  - Prior to infusion of any substance through the catheter, tions to prevent blockages.
- Confirmation of catheter placement by x-ray or fluoroscopy medical personnel should be familiar with and observe al! warrangs, cautions, contraindications and instructions as specified by the manufacturer of the infused substance

## Catheter Placement:

### 1. Preparation

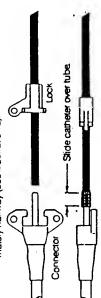
- or blunt needle before placement. Refer to your institutions The catheter must be flushed and filled with intravenous saline or hepannized saline wa the extension assembly protect for determining the hepenn concentration
- · Check catheter for flow and patency

## 2. Catheter Placement

- By surgical cutoown or percutaneous infroduction position the distai end of the catheter at the desired site.
  - Confirm catheter placement by x-ray or fluoroscoby.
  - Using the tunnelling trocar create a tunnel to the desired
- Allow for proper placement of the Dacron cuff.
- The catheter transition from the veriponcture site to the exit ste should be smooth and not kink the catheter

### Catheter Assembly

- Inm the catheter and slide the bayonet locking ring over
- Slide the catheter over the connector outlet tube(s) approximately halfway (see Illustration 2). the catheter.



- Slide the bayonet locking ring onto the connector outlet until it contacts the connector body.
- flush with the connector base thereby locking the catheter Turn the bayonet tocking ring 90° until the suture tab lies in place.
- Catheter should be visible between the connector and
- The dual lumen connector (not shown), tollows the same assembly technique
  - A suture may be used to secure lock to connector.

### Flow Verification

- Aspirate blood through the catheter to assure patency.
- hepaninized intravenous saline according to your institu- Imgate the catheter lumen(s) with intravenous saine or tions protocol.
  - · Attach injection cap(s)
- Secure the venipuncture and exit site as necessary.

# Access and Maintenance Procedures:

- Attach a sterile 22 gauge × 1" needle to a 10ml synnge containing 5mt of stenie saline for injection. 1. Routine Flush Recommendations:
- · Using aseptic technique, per institutional protocol, prepare the injection cap which is secured to the PolyCath catheter Inject the saline through the injection cap of the catheter

### Maintenance

- tions, it is recommended that this procedure be performed When the catheter is not being used for infusions or injecper institution protocol
- with hepannized saline solution when not being utilized for The internal lumen of the PolyCath catheter must be filled

A saline flush must always be performed following an

infusion or injection of solutions or

1cations

### 3. Aspiration.

- After the windrawal of a blood sample, vigorously flush the catheter with 10-20ml of sterile saline for injection uniti there is no visible blood in the catheter or the injection cab.
  - It blood remains visible within the injection cap, replace the cap using aseptic technique

### User Checkiist

- Do not expose the polyvrethane to acond
  - Use aseptic technique at all times.
- Use only a 10mt or larger size syringe.
- Use only solutions that are compatible with the catheler
  - materials.
- Be sure saine or heparinized saine remains within the internal Never exceed 25 PSI pressure in the device.
  - fumen of the catheter at all times when not in use Flush the catheter after each infusion or injection
- It is recommended that a 20 gauge by 1\* needle or smaller is
  - utilized for insertion into the injection cap Do not clamp tubing with forceps.

### References:

- Selanger St. Catheter replacement of the needle in percutaneous antenogramy. Acta Radiolog 1953, 39:368
- 2. Littleford PO. Spector D.S. Device for the rabio insertion of a permaneni endocardial pacing electrode Intough the subclavian vein preliminary report. Armai Thoracic Surg 1979, 27 265
  - 3 Athen DA Minton JP. The "pinch-off sign." A warning of impending problems with permanent subclavian catheters. Am J Surg 1984 48:633
- Acharoson JC, Grover FL, Trinkle JK, Intravenous catheter embol. Experience with twenty cases and collective review. AM J Surg. 1372.
- Robenstein RB. Alberty RE Michels LG Pederson RW Roseninal D Hickman catheter separation J Parent Ent Nutr. 1985, 9:354 6 Fraher RG, Ferreyro R. Evaluation of current rechiniques for non
  - surgical removal of intravascular latrogenic foreign bodies. Am 🕹 Roentgenoi 1978, 130,548

### Information:

For further information call or write



Strato Medical Corporation 123 Brimbal Avenue Beverly, MA 01915 508-927-9419 Soscifications subsiditional prantice without notice.

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with Smallo labelling independence contranocations, warmings, precautions, and Caution: Federal (USA ) law requires mai his device be used in sincl accordance aovente effacts of mese pewces

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#### Visual Reference Guide for the Placement of the Diatek® Cannon™ Catheter

This brochure does NOT supply complete information for the use of this product. See the instructions for Use (PN60004) supplied with each Diatek Dialysis Catheter for additional Information including Caution and Warning statements that apply to the device.

Federal Law (USA) restricts the device to sale by or on the order of a physician.

The Cannon ™ Catheter is intended for single use only.

Do not re-sterilize the catheter or accessories by any method.

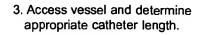
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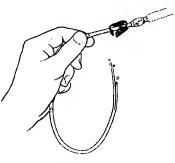
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1. Attach irrigation tube to the catheter.



2. Flush and clamp the catheter.



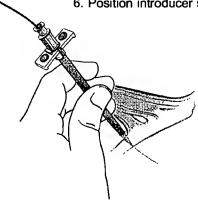


4. Create catheter pocket using blunt disection.

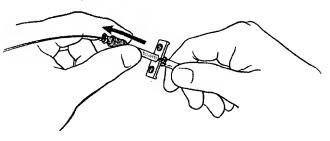


5. Dilate vessel.

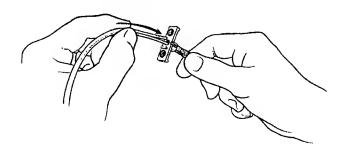
6. Position introducer sheath.



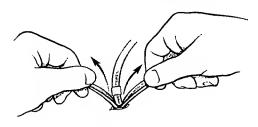
7. Remove dilator from sheath and occlude.



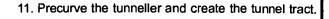
8. Place catheter through sheath into vessel

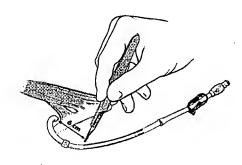


9. Remove peel-away sheath. Verify that the tips are in the right atrium.

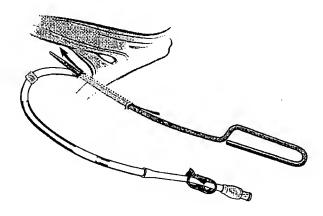


 Position catheter on the chest with a gentle curve, locate exit site mark on catheter (next to cuff) and make a small incision.



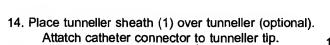


12. Dilate the tunnel tract. Do not pass through the exit site



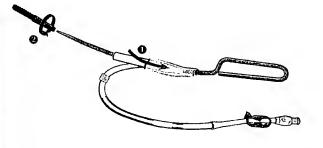
13. Insert to cuff position (1) Remove the dilator (2).



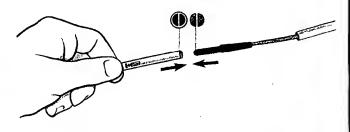




15. Clamp catheter proximal to the cut line and remove irrigation tube. Align prongs of the catheter connector and attatch.



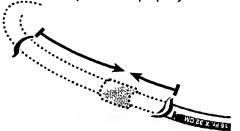
16. Slide tunneller sheath over connection (optional).



17. Gently pull the catheter through the tunnel tract.



18. Use the exit site mark on the catheter to assure that the cuff is positioned properly.



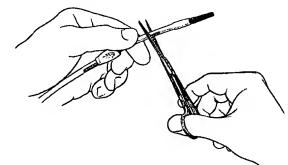
19. Remove tunneller and sheath from the catheter connector .



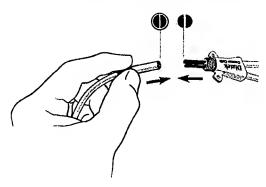
20. Place compression adapter and sleeve onto the catheter.



21. Pinch the catheter and cut at the cut line.



22. Align the catheter with the connection assembly (red to red and blue to blue).Push the catheter conpletely onto the cannula.



23. Slide the compression adapter forward, with the sleeve inside.



24. Screw the compression adapter onto the threaded section of the connection assembly until no threads are visible. Do not over tighten.



25. Secure the catheter to the skin using the suture wings.

